

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/03409

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C11D17/06 C11D3/39

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 959 123 A (CIBA SC HOLDING AG) 24 November 1999 (1999-11-24) cited in the application claims 1-26 ---	1-43
A	US 5 916 481 A (WILLEY ALAN DAVID) 29 June 1999 (1999-06-29) claims 1-41 ---	1-43
A	EP 0 124 478 A (CIBA GEIGY AG) 7 November 1984 (1984-11-07) cited in the application claims 16-19 --- -/--	1-43

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

8 December 2003

Date of mailing of the international search report

28/01/2004

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International Application No.

PCT/EP 03/09409

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CH 659 082 A (CIBA GEIGY AG) 31 December 1986 (1986-12-31) page 3, column 2, line 66 -page 4, column 1, line 39 page 4, column 2, line 50 - line 65 ---	1-43
A	DE 34 30 773 A (CIBA GEIGY AG) 14 March 1985 (1985-03-14) claims 1-15 ---	1-43
A	US 6 407 049 B1 (JEFFREYS BRIAN ET AL) 18 June 2002 (2002-06-18) examples 7-10 ---	1-43
A	US 6 339 055 B1 (BROOKER ALAN THOMAS ET AL) 15 January 2002 (2002-01-15) claims 1-19 ---	1-43
A	US 4 097 418 A (ROLFES THOMAS RICHARD) 27 June 1978 (1978-06-27) claim 1; examples I,II ---	1
A	US 4 394 125 A (HOELZLE GERD ET AL) 19 July 1983 (1983-07-19) column 7, line 44 -column 8, line 33 ---	1
A	EP 0 899 325 A (CIBA GEIGY AG) 3 March 1999 (1999-03-03) claims 1-15 -----	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/05409

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0959123	A	24-11-1999	EP 0959123 A1	24-11-1999
			AU 756263 B2	09-01-2003
			AU 2907499 A	25-11-1999
			BR 9902091 A	18-01-2000
			CN 1236006 A , B	24-11-1999
			US 6291412 B1	18-09-2001
US 5916481	A	29-06-1999	EG 21027 A	30-09-2000
			AT 206447 T	15-10-2001
			AU 715238 B2	20-01-2000
			AU 6500196 A	26-02-1997
			BR 9609706 A	23-03-1999
			CA 2227749 A1	13-02-1997
			CN 1197470 A	28-10-1998
			CZ 9800093 A3	17-06-1998
			DE 69615699 D1	08-11-2001
			EP 0851898 A1	08-07-1998
			ES 2166457 T3	16-04-2002
			HU 9802362 A2	01-02-1999
			JP 11510162 T	07-09-1999
			KR 262995 B1	01-09-2000
			KR 265395 B1	16-08-2000
			NZ 313026 A	28-02-2000
			PT 851898 T	28-03-2002
			TR 9800102 T1	21-05-1998
			WO 9705202 A1	13-02-1997
			ZA 9606290 A	03-03-1997
EP 0124478	A	07-11-1984	CH 654121 A5	31-01-1986
			BR 8401354 A	30-10-1984
			CA 1217333 A1	03-02-1987
			DE 3410611 A1	04-10-1984
			DE 3462341 D1	12-03-1987
			EP 0124478 A1	07-11-1984
			ES 8506068 A1	16-10-1985
			FR 2543156 A1	28-09-1984
			GB 2138809 A , B	31-10-1984
			HK 56789 A	21-07-1989
			IT 1177603 B	26-08-1987
			JP 1900816 C	27-01-1995
			JP 6023376 B	30-03-1994
			JP 59182874 A	17-10-1984
			MX 161366 A	18-09-1990
			SG 26389 G	22-09-1989
			US 4548610 A	22-10-1985
CH 659082	A	31-12-1986	CH 659082 A5	31-12-1986
DE 3430773	A	14-03-1985	DE 3430773 A1	14-03-1985
US 6407049	B1	18-04-2002	BR 9807086 A	18-04-2000
			CN 1251128 T	19-04-2000
			EP 0968267 A2	05-01-2000
			JP 2001509194 T	10-07-2001
			WO 9832828 A2	30-07-1998
			US 2002045560 A1	18-04-2002
			ZA 9800526 A	29-07-1998

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/09409

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6339055	B1	15-01-2002	GB 2329397 A 24-03-1999
			AU 8881998 A 05-04-1999
			AU 8993998 A 05-04-1999
			AU 8994198 A 05-04-1999
			BR 9812483 A 19-09-2000
			BR 9812658 A 09-01-2001
			BR 9812665 A 22-08-2000
			CA 2304035 A1 25-03-1999
			CA 2304036 A1 25-03-1999
			CA 2304038 A1 25-03-1999
			CN 1278860 T 03-01-2001
			CN 1278861 T 03-01-2001
			CN 1278862 T 03-01-2001
			EP 1017774 A1 12-07-2000
			EP 1017781 A1 12-07-2000
			EP 1017782 A1 12-07-2000
			WO 9914298 A1 25-03-1999
			WO 9914303 A1 25-03-1999
			WO 9914304 A1 25-03-1999
			JP 2001516796 T 02-10-2001
			JP 2001516801 T 02-10-2001
			JP 2001516802 T 02-10-2001
			ZA 9808515 A 18-03-1999
			ZA 9808517 A 18-03-1999
			ZA 9808520 A 18-03-1999
US 4097418	A	27-06-1978	DE 2632367 A1 17-02-1977
			FR 2318924 A1 18-02-1977
			GB 1546139 A 16-05-1979
			IT 1075019 B 22-04-1985
			JP 52049208 A 20-04-1977
			NL 7608122 A 25-01-1977
US 4394125	A	19-07-1983	AR 228963 A1 13-05-1983
			AT 8407 T 15-07-1984
			AU 577441 B2 22-09-1988
			AU 5334886 A 17-07-1986
			AU 551809 B2 15-05-1986
			AU 7504481 A 18-03-1982
			BR 8105725 A 26-04-1983
			CA 1166633 A1 01-05-1984
			DE 3164735 D1 16-08-1984
			DK 26186 A ,B, 20-01-1986
			DK 33186 A ,B, 22-01-1986
			DK 396181 A ,B, 10-03-1982
			EG 14687 A 30-08-1990
			EP 0047716 A2 17-03-1982
			ES 8301261 A1 16-02-1983
			ES 8302755 A1 16-04-1983
			ES 8402335 A1 16-04-1984
			GB 2083815 A ,B 31-03-1982
			GB 2136431 A ,B 19-09-1984
			GR 75758 A1 02-08-1984
			HK 90887 A 11-12-1987
			HK 93487 A 18-12-1987
			IE 52527 B1 09-12-1987
			IE 52526 B1 09-12-1987
			IN 155696 A1 23-02-1985

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/03409

Patent document cited in search report		Publication date	Patent family member(s)	Publication date		
US 4394125	A		IN 160920 A1	15-08-1987		
			JP 1745816 C	25-03-1993		
			JP 4032075 B	28-05-1992		
			JP 57077371 A	14-05-1982		
			JP 1689015 C	11-08-1992		
			JP 2139477 A	29-05-1990		
			JP 3055587 B	23-08-1991		
			JP 1760035 C	20-05-1993		
			JP 2138204 A	28-05-1990		
			JP 4046922 B	31-07-1992		
			KE 3751 A	02-10-1987		
			KE 3752 A	02-10-1987		
			KR 8801612 B1	25-08-1988		
			MX 172599 B	03-01-1994		
			MX 162833 B	28-06-1991		
			MY 77187 A	31-12-1987		
			MY 77287 A	31-12-1987		
			NZ 198296 A	08-11-1985		
			PH 20641 A	18-03-1987		
			PT 73632 A ,B	01-10-1981		
			SG 66487 G	19-02-1988		
			SG 66587 G	19-02-1988		
			TR 21190 A	08-12-1983		
			US 4456452 A	26-06-1984		
			YU 217081 A1	31-12-1983		
		EP 0899325	A	03-03-1999	EP 0899325 A2	03-03-1999
					AU 747856 B2	23-05-2002
					AU 8000698 A	25-02-1999
					BR 9803753 A	07-12-1999
					DE 59802506 D1	31-01-2002
	ES 2169492 T3			01-07-2002		
	JP 11172575 A			29-06-1999		
	NZ 331196 A			28-01-2000		
	US 6583105 B1			24-06-2003		
	ZA 9807302 A			15-02-1999		